



ELECTRIC CLOTHES DRYER

MODEL: ED622

OWNER'S MANUAL

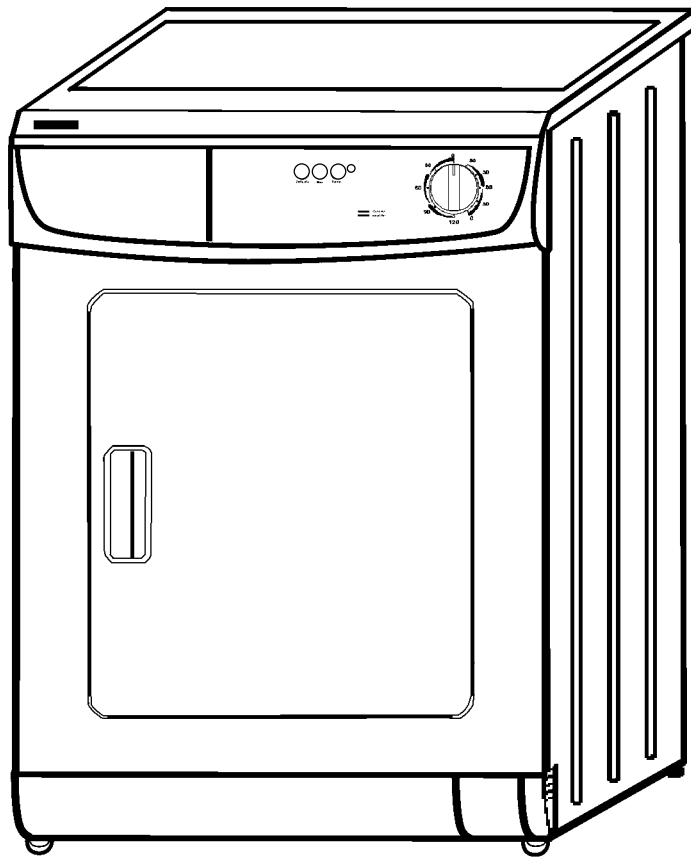


TABLE OF CONTENTS

Warranty Information	3-4
Safety instructions	5-6
Picture of the Dryer	7
Installation instructions	
Installation instructions for Exhaust	8
Exhaust length calculation	8
Exhausting directions	8
Special installation requirements	9
Electrical power supply	10-11
Operating instructions	
About the dryer control panel	12
How to operate your dryer	13
Operating your dryer	13
How to load the clothes	13
Suggested fabric and drying selections	14
Care and cleaning	
Clean the filter before every dryer use	15
Care and cleaning	15
Maximize your dryer efficiency by keeping the exhaust duct clean	15
Cleaning lint from your dryer	15
Troubleshooting Guide	
Questions? use this problem solver	16
Schematic Diagram	17
Specifications	17
Contact Information	18

Please read the Owner’s Manual carefully before using your new Electric Dryer

WARRANTY INFORMATION

Your appliance is protected by this warranty under normal, personal, family or household use (1 Year), and limited commercial use (90 days), in the USA and Canada.

WARRANTY

Equator Advanced Appliances undertakes to the consumer-owner to repair or, at our option, to replace any part of this product which proves to be defective in workmanship or material under normal personal, family or household use, in the USA and Canada, for a period of one year from the date of original purchase. For commercial use, the product is warranted for a period of 90 days. During this period, we will provide all labor and parts necessary to correct such defect, free of charge, if the appliance has been installed and operated in accordance with the Equator Advanced Appliances' written instructions with the appliance. Ready access to the appliance, for service, is the responsibility of the consumer-owner.

EXCLUSIONS

In no event shall the Equator Advanced Appliances be liable for incidental or consequential damages or for damages resulting from external causes such as abuse, misuse, incorrect voltage or acts God. This warranty does not cover service calls which do not involve defective workmanship or materials covered by this warranty. Accordingly, diagnosis and repair costs for a service call which does not involve defective workmanship or materials will be the responsibility of the consumer-owner.

Specifically, the following work is not covered under warranty and does not constitute warranty work:

- Installation – e.g. improper hook-up or leveling or non-removal of shipping bolts
- Maintenance – e.g. cleaning of air and/or water filter
- Damage – e.g. replacing broken door handle

Most work is covered. The defining factor is, has the machine malfunctioned (Equator Advanced Appliances is responsible) or has the customer omitted or done something to cause machine to malfunction (customer is responsible). Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY SERVICE

This warranty is given by:

Equator Advanced Appliances
2801 W Sam Houston Parkway N
Houston, TX 77043-1611
Tel: 713-464-3422
Fax: 713-464-2151
Toll Free: 800-935-1955

Service under this warranty must be obtained by the following steps, in order:
Call an Authorized Service Agent (obtain number of nearest agent from your dealer or by calling Equator Service at 1-800-776-3538). Under normal circumstances, Service will be provided during regular business hours (9:00 a.m. to 5:00 p.m. weekdays).

GENERAL

Since it is responsibility of the consumer-owner to establish the warranty period by verifying the original purchase date, the Equator Advanced Appliances recommends that a receipt, delivery slip or some other appropriate payment record be kept for that purpose. Remember to send in your Warranty Registration Card so that a proof of your purchase exists with the Equator Advanced Appliances. You can also register online at www.equatorappliances.com/warranty. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



Electrical Testing Laboratories

The ETL Listed Mark is the legal equivalent to the UL and CSA Listed Marks

CONTACTS

Service:	1-800-776-3538 service@equatorappliances.com
Parts & Accessories:	parts@equatorappliances.com

SAFETY INSTRUCTIONS

Read all instructions before using this appliance



WARNING: It is extremely important that you read and adhere to the following instructions. Failure to do so could cause bodily injuries and / or property damage due to fire.

Use this appliance only for its intended purpose as described in this Owner's Manual.

- This dryer must be properly installed and placed in accordance with the installation instructions before it is used.
- Properly ground to conform to Local Codes. Follow details in installation instructions.
- Install where the temperature is above 50°F. (10°C) for satisfactory operation of the dryer control system. Do not install or store the dryer where it will be exposed to the weather.
- Connect to a properly rated, protected and sized power supply circuit to avoid electrical overload.
- Exhausting to the outside is **STRONGLY RECOMMENDED** to prevent large amounts of moisture and lint from being blown into the room. Carefully follow the exhausting details in the installation instructions.
- Do not repair or replace any parts of the appliance or attempt any servicing unless specifically recommended in this Owner's Manual.
- When disconnecting this appliance pull out the plug rather than the cord to avoid damage to the cord or junction of cord and plug. Make sure that the cord is located so that it will not be stepped on. Tripped over or otherwise subjected to damage or stress.
- This dryer is for use only with fabrics that have been washed with water as a cleaning agent.

To Minimize the Possibility of a Fire Hazard

- Exhaust duct---see installation instructions. Use only rigid metal or flexible metal 4" diameter ductwork for exhausting to the outside. **USE OF PLASTIC OR OTHER COMBUSTIBLE DUCTWORK CAN CAUSE A FIRE. FOIL OR OTHER EASILY PUNCTURED DUCTWORK CAN CAUSE A FIRE IF IT COLLAPSES OR BECOMES OTHERWISE RESTRICTED IN USE OR DURING INSTALLATION.**
- Do not use heat to dry articles containing rubber., plastic, or similar materials such as padded bras, tennis shoe, galoshes, bath mats, rugs, bibs, pillows, baby pants, plastic bags, etc. as these materials may melt or burn. Also, some rubber materials, when heated, can under certain circumstances produce fire by spontaneous combustion.
- Do not store items that may burn or melt (such as clothing, paper material, plastic bags, etc.) on top of the dryer during the operation.
- Garments labeled "dry away from heat" must not be put in your dryer.
- Do not dry and wash articles that have been cleaned in, washed in, soaked in, or spotted with combustible or explosive substances (such as wax, paint, gasoline degreasers, dry-cleaning solvents, kerosene, etc.) which may ignite or explode. Do not add these substances to the wash water. Do not use these substances around your washer and/or dryer during operation.
- Any article on which you have used a cleaning solvent, or which contains flammable materials (such as cleaning cloths, mops, towels used in beauty salons, restaurants or barber shops, etc.) must not be placed in or near the dryer until all traces of these flammable items used in homes such as acetone, denatured alcohol, gasoline, kerosene, some household cleaners, some spot removers, turpentines, waxes, wax removers and products containing petroleum distillates.

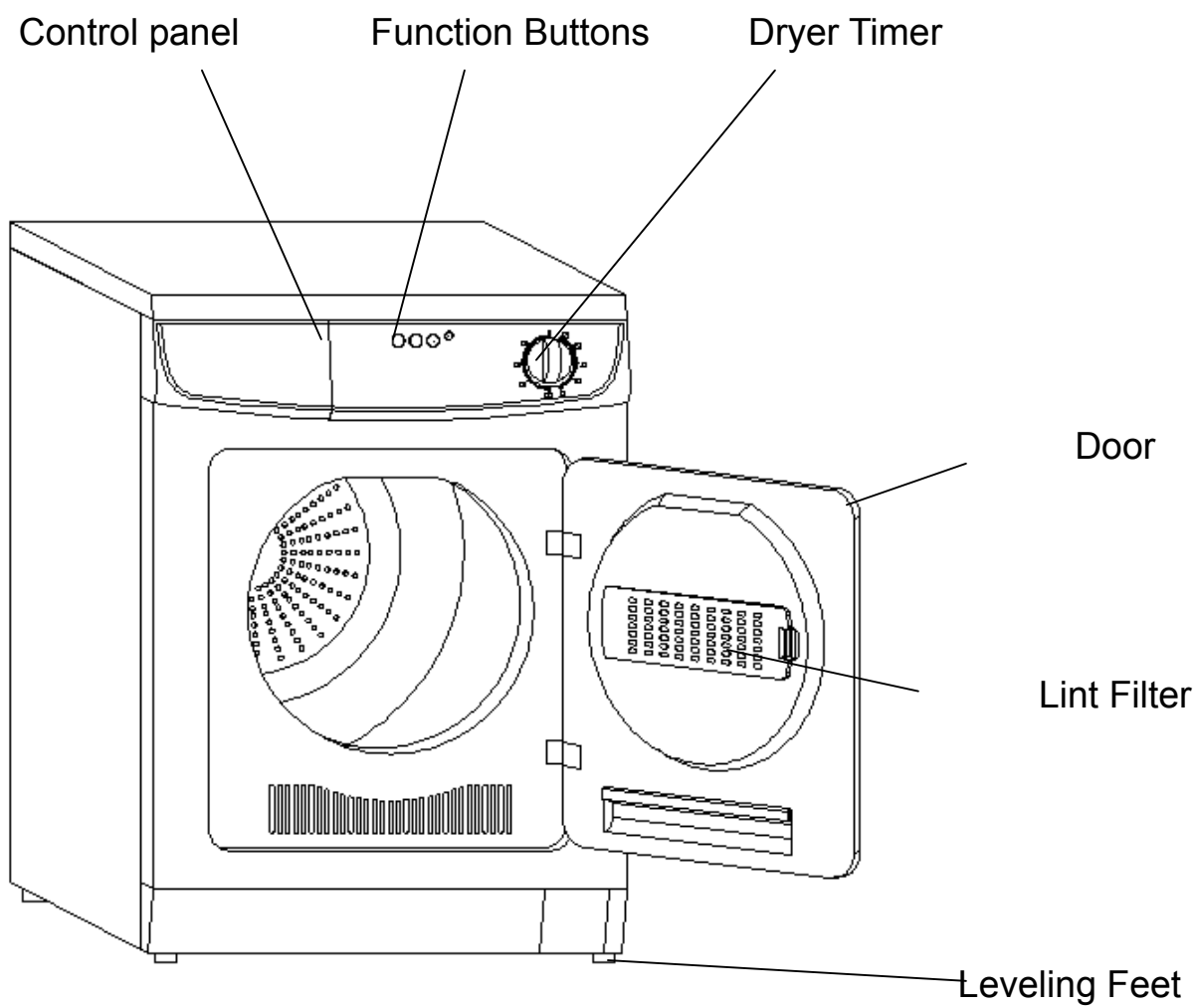
SAFETY INSTRUCTIONS (continued)

- Clean the lint filter before each load to prevent lint accumulation inside the dryer or in the room. DO NOT OPERATE THE DRYER WITHOUT THE LINT FILTER IN PLACE.
- Keep the area around the exhaust opening, and around and underneath your appliances free from the accumulation of combustible materials, such as lint, papers, rags, chemicals, etc.
- Regularly inspect the exhaust duct to be sure it has not been crushed or otherwise restricted.
- The interior of the exhaust duct connection inside the dryer should be cleaned every 2 to 3 years, or more often if needed, by a qualified service person.

To Minimize the Possibility of Injury

- Never reach into the dryer while the drum is moving. Before loading, unloading or adding clothes, wait until the drum has completely stopped.
- Do not dry fiberglass articles in your dryer. Skin irritation could result from subsequent dryer uses.
- The laundry process can reduce the flame retardance of fabrics. To avoid such a result, the garment manufacturer's care instructions should be followed very carefully.
- Close supervision is necessary if this used by or near children. Do not allow children to play inside, on, or with this appliance or any discarded appliance. Dispose of discarded appliance and shipping or packing materials properly. Before discarding a dryer, or removing from service, remove the door of the dryer compartment.
- Keep all laundry aids (such as detergents, bleaches, fabric softeners, etc.) out of the reach of children, preferably in a locked cabinet. Observe all warnings on container labels to avoid personal injury.
- Keep the floor around your appliances clean and dry to reduce the possibility of slipping.
- To minimize the possibility of electric shock, unplug this appliance from the power supply before attempting any maintenance or cleaning (except the removal and cleaning of the lint filter).
- Do not tamper with the controls.
- Do not operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- Never climb on or stand on the dryer top.
- Do not place items exposed to cooking oils in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a clothes load to catch fire.
- The plug must be reachable after installing the appliance.

PICTURE OF THE DRYER



INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS FOR EXHAUST



IMPORTANT: Installation and service must be performed by a qualified installer. Please have a qualified service agent install your dryer.

NOTE: The **WARNING** and **IMPORTANT** instructions appearing in his manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense and being careful are factors that **CANNOT** be built into the dryer. These factors **MUST BE** supplied by the persons installing, maintaining, or operating the dryer. This dryer comes ready for top exhausting.

WARNINGS

- USE ONLY METALLIC FLEXIBLE DUCT.
- Never use flexible duct inside the dryer.
- Do not terminate exhaust in a chimney, range hood, gas vent, floor or attic. The combination of lint and grease could create a fire hazard or damages.
- Provide an access for inspection and cleaning the exhaust system at least once a year.

EXHAUST LENGTH

- The **MAXIMUM ALLOWABLE** length of the exhaust system depends on the type of exhaust hood (wall cap), and all conditions noted below. The maximum allowable length for both rigid and flexible metal duct is shown in the table 1 (next page). More than four 90°turns is not recommended.

EXHAUST SYSTEM CHECK LIST HOOD OR WALL CAP

- Terminate in a manner to prevent back drain or entry of birds or other wildlife.
- Termination should present minimal resistance to the exhaust air flow and should require little or no maintenance to prevent clogging.
- Wall caps must be installed at least 12” (30 cm) above ground level or any other obstruction with the opening pointed down.
- If roof vents or louvered plenums are used. They must be equivalent to a 4” (10 cm) dampened wall cap in regard to resistance to air flow. Prevention of back drafts and regular maintenance are required to prevent clogging.

SEPARATION OF TURNS

- Separate all turns by at least 1m (ft.) of straight duct, including distance between last turn and dampened wall cap. If two turns must be closer than 3ft. (1m) deduct 10ft. (3m) from the maximum lengths shown in the table for each occurrence.

TURN OTHER THAN 90°

- One turn of 45°or less may be ignored.
- Two 45°turns should be treated as one 90°
- Each turn over 45°should be treated as one 90°.

INSTALLATION INSTRUCTIONS (CONTD.)

SEALING OF JOINTS

- All joints should be tight to avoid leaks. The male end of each section of duct must point away from the dryer.
- Do not assemble the duct work with fasteners that extend into the duct. They will serve as a collection point for lint.
- Duct joints can be made air and moisture-tight by wrapping the overlapped joints with duct tape.

INSULATION

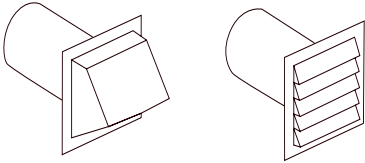
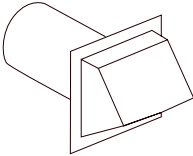
- Duct work which runs through an unheated area or is near an air conditioning duct, should be insulated to reduce condensation and lint build up and be sloped down toward outdoors.

NOTE: Never install screen inside exhaust duct.

WARNING: THE DRYER MUST EXHAUST TO THE OUTDOORS, TO PREVENT LARGE AMOUNTS OF LINT AND MOISTURE FROM ACCUMULATING AND TO MAINTAIN DRYING EFFICIENCY. THIS MACHINE MUST BE EXHAUSTED OUTDOORS.

EXHAUST LENGTH CALCULATION

Table 1: RECOMMENDED MAXIMUM LENGTH

ELECTRIC DRYER				
Weather Hood Type				
Recommended			Use only for short run installation	
				
No.of 90° elbows	Rigid	Metallic Flexible☐	Rigid	Metallic Flexible☐
0	14m(46ft.)	9m(31ft.)	11m(38ft.)	7m(24ft.)
1	11m(38ft.)	7.5m(25ft.)	9m(31ft.)	6m(20ft.)
2	9m(31ft.)	6m(20ft.)	6.5m(22ft.)	4m(14ft.)
3	7m(24ft.)	5m(16ft.)	4.5m(15ft.)	3m(10ft.)

☐ Only use metallic flexible duct.

EXHAUST DIRECTIONS

Dryers shipped from the factory are set up for rear exhausting.

- Remove access panel at back of dryer to gain access to internal ducts.
- Disconnect duct exhaust from blower housing.
- Attach a 90°elbow duct to blower housing and facing desired opening.
- Reinstall rear access panel.

INSTALLATION INSTRUCTIONS (CONTD.)

SPECIAL INSTALLATION REQUIREMENTS

ALCOVE OR CLOSET INSTALLATION

- **WARNING:** To reduce the risk of fire, the dryer **MUST BE EXHAUSTED THE OUTDOORS**. See **EXHAUST INFORMATION** section.
- Minimum clearances between dryer cabinet and adjacent walls are: 2" either side and 3" front and rear.
- Minimum vertical space from floor to overhead cabinets, etc. is 52" (132cm).
- Closet door must be louvered or otherwise ventilated and must contain a minimum of 60 sq. in. of open area equally distributed. If this closet contains both a washer and a dryer, doors must contain a minimum of 120 sq. in. of open area equally distributed.
- No other fuel-burning appliance shall be installed in the same with closet with dryer.

MINIMUM CLEARANCE OTHER THAN ALCOVE OR CLOSET INSTALLATIONS.

- Minimum clearances to combustible surfaces: 2" clearance both sides and 3" rear.

MOBILE HOME INSTALLATION

- The dryer must be exhausted to the outdoors with the termination securely fastened to the mobile home structure. (See **EXHAUST INFORMATION** section.)
- The exhaust **MUST NOT** be terminated beneath the mobile home.
- Provisions must be made for the introduction of outside air into the dryer. The free air opening shall not be less than 12 sq. inches.
- The exhaust duct material **MUST BE METAL**.
- The dryer must be attached to the floor following instructions available from the dealer.
- Installation must comply with the current **CAN / CSA Z240MH** series Mobile Home Installation Codes.

NOTE: CONSIDERATION MUST BE GIVEN TO INSTALLING AND SERVICING THE APPLIANCE.

ELECTRICAL POWER SUPPLY

CAUTION: NEVER USE AN EXTENSION CORD WITH THIS APPLIANCE.

This dryer must be connected to an individual circuit identical to the one specified on the rating plate of the loading port protected by fuses or circuit breaker conforming to local codes. **THIS APPLIANCE MUST BE PROPERLY GROUNDED.**

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

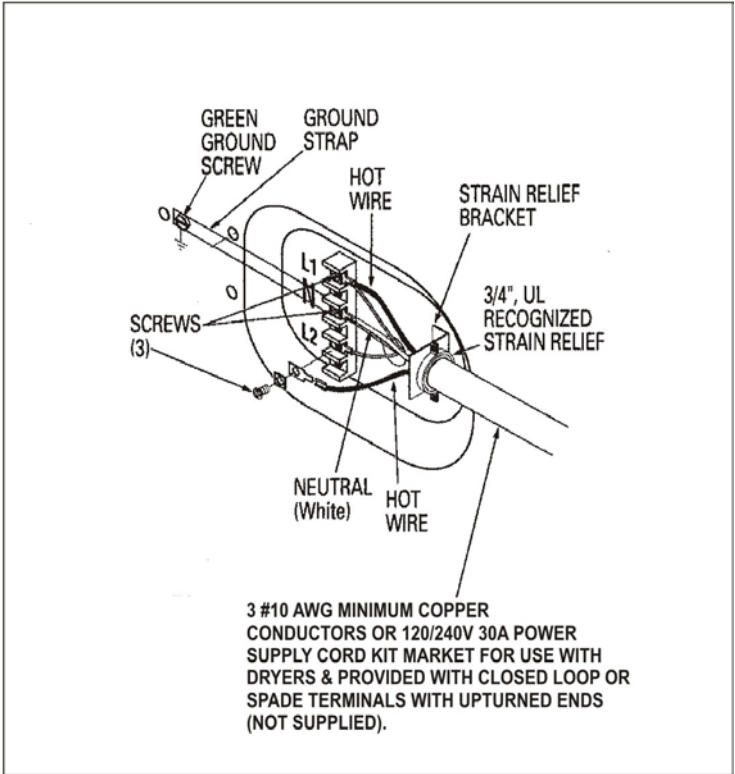
WARNING:

- Improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded.
- Do not modify the plug provided with the appliance-if it will not fit the outlet; have a proper outlet installed by a qualified electrician.

Note: if the electrical power supply does not meet the specifications listed below, call a licensed electrician.

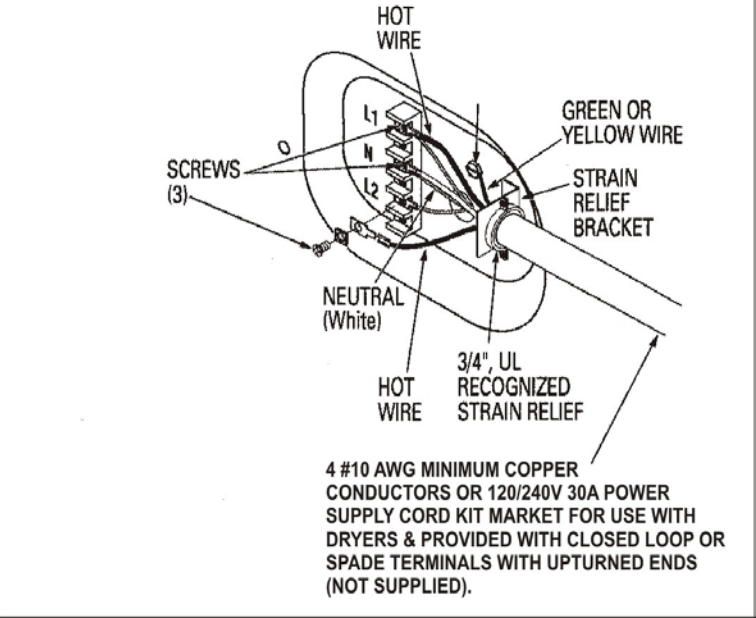
INSTALLATION INSTRUCTIONS (CONTD.)

CONNECTING DRYER USING A 3-WIRE CONNECTION



CONNECTING DRYER USING A 4-WIRE CONNECTION

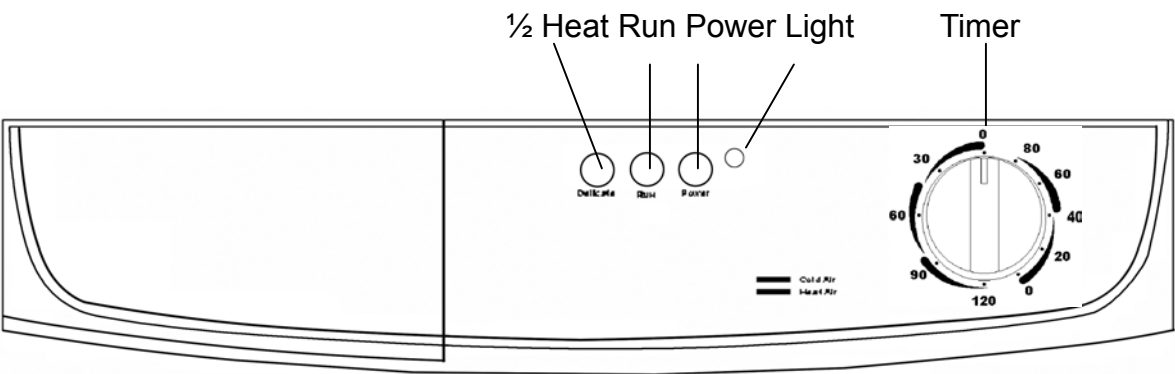
⚠ WARNING: Only a 4-conductor cord should be used when the appliance is installed in a location where grounding through the neutral conductor is prohibited. Grounding through the neutral is prohibited for the new branch-circuit installations, mobile homes, recreational vehicles and areas where local codes prohibit grounding through the neutral conduction.



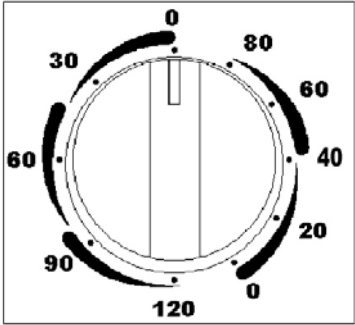
OPERATING INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock or injury to persons, read the **IMPORTANT SAFETY INSTRUCTIONS** before operating this appliance.

ABOUT THE DRYER CONTROL PANEL



Dryer Timer



TIMER KNOB:
Turn the Timer knob clockwise to select drying time, SEE detail in table “Suggestion fabric and drying selection”.
1. The left side is Heat Dry. Select the time up to 120 minutes.
2. The right side is tumble at room temperature.

1/2 HEAT BUTTON:
When the button is pressed, the dryer operates at 1/2 heat (only the heat dry mode)

RUN BUTTON:
Press this button for the dryer to operate.

POWER BUTTON:
Press this button to supply power to the dryer.

LIGHT:
This light indicates whether the power is on or off.

OPERATING INSTRUCTIONS (CONTD.)

HOW TO OPERATE YOUR DRYER

PREPARING THE LAUNDRY

- To prevent tangled bundles of laundry; close zip fasteners; button-up bed linen and pillow cases; tie-together loose tapes, e.g. aprons.
- Empty all pockets.
- Remove all metal objects (paper clips pins etc.)
- Untangle the laundry.

HOW TO LOAD THE CLOTHES

- Sort clothes by surface texture, fabric, color and weight, as you would for your washer.
- Do not add fabric softener sheets once the clothes have become warm.
- Do not overload. This wastes energy and caused wrinkling.
- Do not dry the following items: fiberglass items, woolens, rubber-coated items, plastics, item with plastic trim and foam-filled items.

OPERATION

1. Open the door and put the laundry in the dryer.
2. Use Full Heat for Cotton clothes. Leave the ½ Heat button out if the clothes are cotton fabric.
3. Use ½ Heat for Perma Press.
4. Use Tumble for Delicate clothes
5. Press the Power button.
6. Press the Run button to start the cycle.

OPERATING TIPS

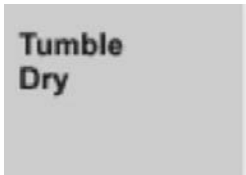
- **DO NOT OVERLOAD** - Garments being dried or should tumble freely.
- **REMOVE CLOTHES PROMPTLY**- To help prevent wrinkling, remove clothes from the dryer promptly at the end of the drying cycle.
- **PLACE ON HANGERS**- Permanent press and polyester knit garments look best if placed on hangers after tumbling.

OPERATING INSTRUCTIONS (CONTD.)

SUGGESTED FABRIC AND DRYING SELECTIONS

Cycle Suggested	For Clothes Load/Fabrics such as	Drying Selection
Cottons	<ul style="list-style-type: none">• Cottons and lines	High heat (left side of timer)
Perm press	<ul style="list-style-type: none">• Permanent press fabrics with cotton• Down-filled garments, if machine washing and drying is recommended• Synthetics	½ Heat (Left side of timer) +Depress 1/2 heat button)
Delicates	<ul style="list-style-type: none">• Silks and wools• Rayon and acetate	Tumble (room temperature)
Knit	<ul style="list-style-type: none">• Knit	Tumble (room temperature)

The terms High, Medium and Low Heat are those usually found on fabric care labels. For best results, follow your fabric care labels.



Dry



Normal/
Cotton Heavy Duty



Permt Press/
wrinkle resistant



Delicate/
Gentle



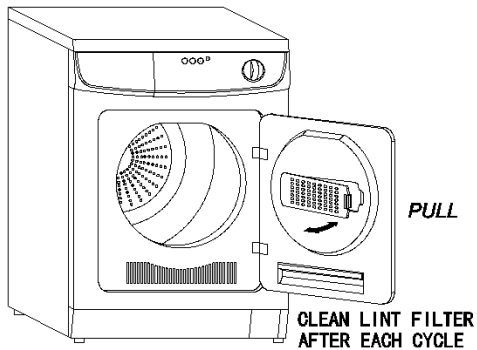
Do not
tumble dry



Do not dry

CARE & CLEANING

CLEAN THE FILTER BEFORE EVERY DRYER USE



Slide the filter tray as shown, clean the lint filter.
Put your moistened fingers at one corner of the filter and wipe in a sideways motion all the way across to the other corner.

**Do not operate the dryer without the filter tray in place AND
Do not operate the dryer without the filter in place.**

- Periodically, remove the lint filter (it snaps in and out) and insert the suction hose adapter from your vacuum cleaner into the opening.
- Do the same through the rectangular opening at top or bottom of the door and at the louvers on the cabinet front.

CARE AND CLEANING

Dryer exterior

- Wipe off any spills or washing compounds. Wipe dust with a damp cloth. Try not to strike the surface with sharp objects.
- Dryer control panel and finishes may be damaged by some laundry pre-treatment soil and stain remover products if such products are sprayed on or have direct contact with the dryer.
- Apply these pre-treatment products away from the dryer. The fabric may then be dried normally.

MAXIMIZE YOUR DRYER EFFICIENCY BY KEEPING THE EXHAUST DUCT CLEAN.

1. Disconnect or Turn off electrical power.
2. Disconnect duct from dryer.
3. Clean exhaust duct from end where dryer is connected to the exhaust hood using:
 - The hose attachment of your vacuum cleaner;
 - A dust rag attached to a pole (for straight stretches) or to a drain cleaning wire (for less accessible turns).
4. Inspect exhaust hood. To minimize resistance to exhaust air flow:
 - Flap must move freely (you may check with a mirror);
 - Flap should be fully open when dryer is on;
 - Ensure that no wildlife (birds, insects, etc.) have nested inside the duct.

CLEANING LINT FROM YOUR DRYER

Combustible lint may collect on the inside of the dryer cabinet.

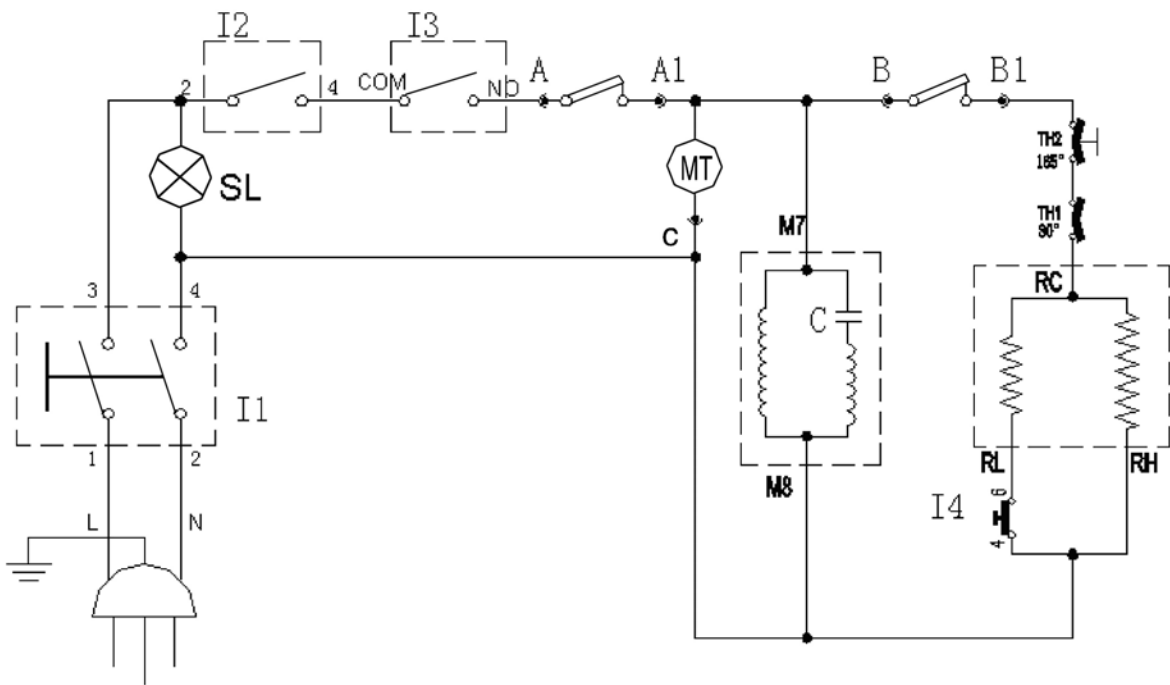
CLEAN EVERY 2 TO 3 YEARS OR MORE OFTEN DEPENDING ON USAGE.

Cleaning should be done by a qualified service person.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE
DRYER WON'T OPERATE	<ul style="list-style-type: none">● Dryer unplugged, make sure power cord is plugged in.● No power to dryer. Check circuit make sure dryer is getting power.● Controls are incorrectly set. Make sure controls are and that the Power button is pressed. Opening the door during operation stops the dryer. To restart close the door and push the start button.● Dryer door is open. Close door securely, dryer will not run with door open.● Circuit is overloaded. Do not operate other appliances on the same electrical outlet or circuit while the dryer is in operation.
CLOTHES TAKE TOO LONG TO DRY	<ul style="list-style-type: none">● Controls improperly set. Check all controls to make sure they are correctly set for the load you want to dry. See the how to operate your dryer section, see the care and cleaning section.● Clogged lint filter, clean filter before every load, periodically remove lint filler and clean area under it with vacuum cleaner.● Obstruction in exhaust ducting. Make sure ducting is clean and free of obstructions: Make sure damper in outside wall cap operates easily. If flexible ducting is used. Be sure it is not kinked and is properly installed according to the installation instructions.● Large loads of moisture-holding fabrics. Such as beach towels, take a long time to remove moisture.● Too many items in dryer, dry only one washer load at a time. Do not combine loads.● Too few items in dryer. If drying only one article, add two more similar articles, even if dry to ensure proper tumbling.
SHRINKAGE, GENERAL	<ul style="list-style-type: none">● Some fabrics will shrink whether machine washed and tumble dried or washed by hand and drip dried: others may be safely washed but will shrink in a dryer. Follow garment manufactures care labels exactly. If in doubt do not machine wash or tumble dry.
WRINKLING	<ul style="list-style-type: none">● Leaving clothes in dryer after tumbling stops. Remove clothes promptly and hang them immediately.● Improper loads. Avoid laundering heavy permanent press items, such as work clothes, with lighter permanent press items, such as shirts or blouses. Do not wash or dry permanent press with regular laundry.● Failure to use fabric softener. Proper use of fabric softer will minimize wrinkling.
IF DRYER STILL DOES NOT OPERATE CALL FOR SERVICE. GIVE THE MODEL AND SERIAL NUMBER AND DESCRIBE THE PROBLEMS YOU ARE ENCOUNTERING.	

CIRCUIT DIAGRAM



DIMENSION	GROSS	H35" x W26.8" x D26" (H890 mm x W683 mm x D661 mm)
	NET	H 33.5" x W 23.5" x D 22.6" (H 850 mm x W 598 mm x D 575 mm)
WEIGHT	GROSS	86 lbs (39 Kg)
	NET	77 lbs (35 Kg)
POWER SAUCE/AMPS	220V/60Hz/11.4A	
HEATER RATING	2400W	
POWER CONSUMPTION	2500W	
DRUM SPEED	45 rpm	

CONTACT INFORMATION

SERVICE & SUPPORT:

Equator Service

(800) 776-3538

Equator Advanced Appliances

2801 W Sam Houston Pkwy N

Houston, Texas 77043-1611

Phone (713) 464-3422 • Fax (713) 464-2151

All rights reserved.

Manual subject to change without notice